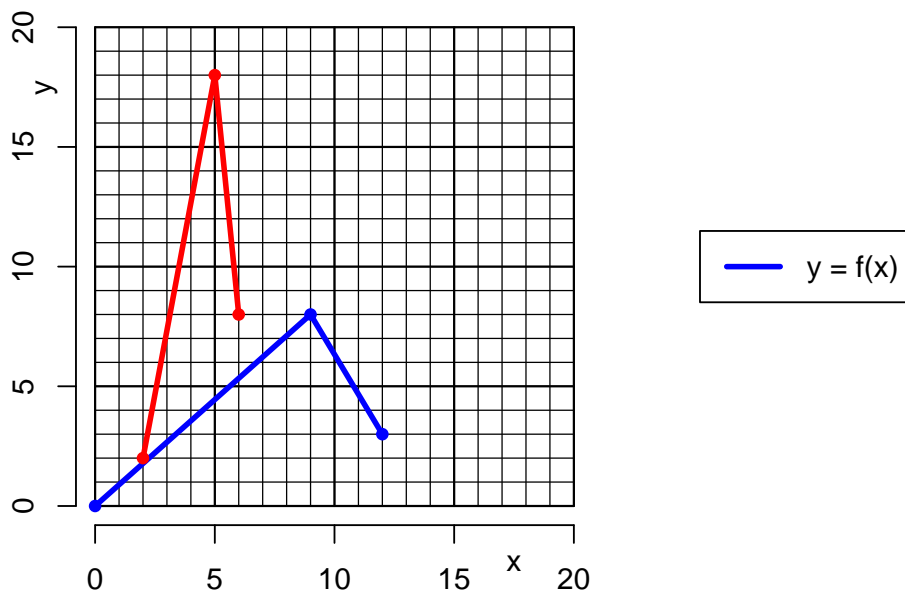# PCW_09_18 Find new points after transformation (version 10)

Question 1

Curve $y = f(x)$ contains points $(0,0)$ and $(9,8)$ and $(12,3)$, as shown on the x-y plane below.
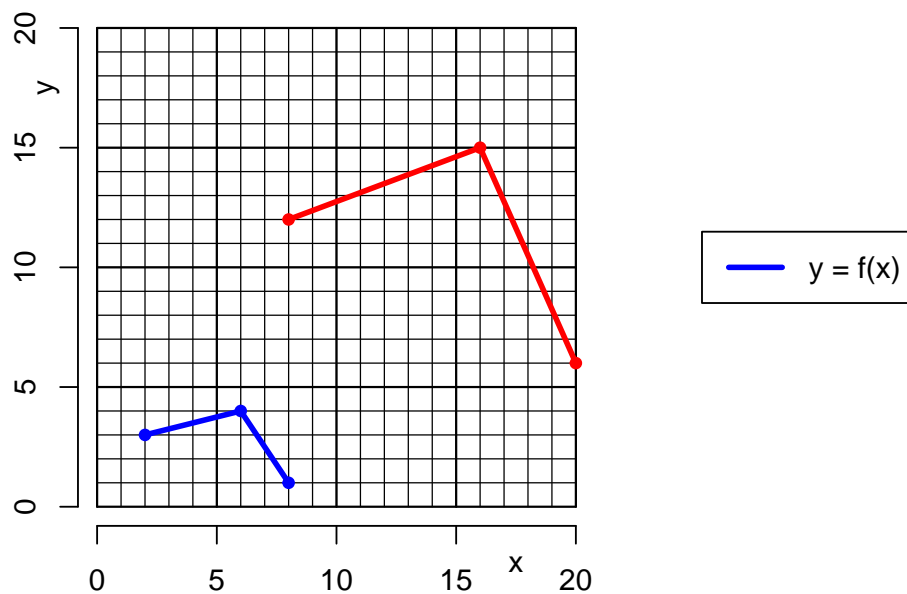

On the same plane, please draw the curve represented by the equation below:

$$y = 2\left(f[3(x-2)] + 1\right)$$

Question 2

Curve $y = f(x)$ contains points $(2, 3)$ and $(6, 4)$ and $(8, 1)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x-4}{2}\right] + 3$$